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TI Self-hardening thermally insulating compound

IN Ulman, Zbigniew; Pysz, Stanislaw; Wilkosz, Barbara; Piastka, Tadeusz;
Krawczyk, Andrzej; Smietanko, Zbigniew; Szatko, Kazimierz; Jaworek, Jan

PA Instytut Odlewnictwa, Pol.

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CC 57-6 (Ceramics)

Section cross-reference(s): 58

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	PL 148353	B2	19891031	PL 1987-268637	19871104
AB	The compd. comprises 100 wt. parts microspheric matrix, 0.5-200 wt. parts water glass binder, 0.5-80 wt.% (based on the binder) hardener (modified or unmodified org. acid esters), and 0-10 wt.% (based on the matrix)				
epoxy	resin with polyamine hardener. The matrix consists of coal fly ash microspheres and optionally quartz sand (0-50 wt.% based on the microspheres). The product is esp. suitable for heat-insulating components in foundry, metallurgy, power industry, and civil engineering.				
ST	thermal insulation selfhardening compd; water glass binder selfhardening thermal insulation; epoxy resin selfhardening thermal insulation; coal fly ash selfhardening thermal insulation				
IT	Sand RL: USES (Uses) (heat-insulating compds. contg. matrix of coal fly ash and, self-hardening)				
IT	Epoxy resins, uses and miscellaneous RL: USES (Uses) (heat-insulating compds. contg., self-hardening)				
IT	Thermal insulators (self-hardening, compn. of, for foundry and building industry)				
IT	Ashes (residues) (coal fly, heat-insulating compds. contg. matrix of quartz sand and, self-hardening)				
IT	Amines, uses and miscellaneous RL: USES (Uses) (poly-, hardeners, epoxy resins contg., in self-hardening				

*teach microspheres
for insulation*